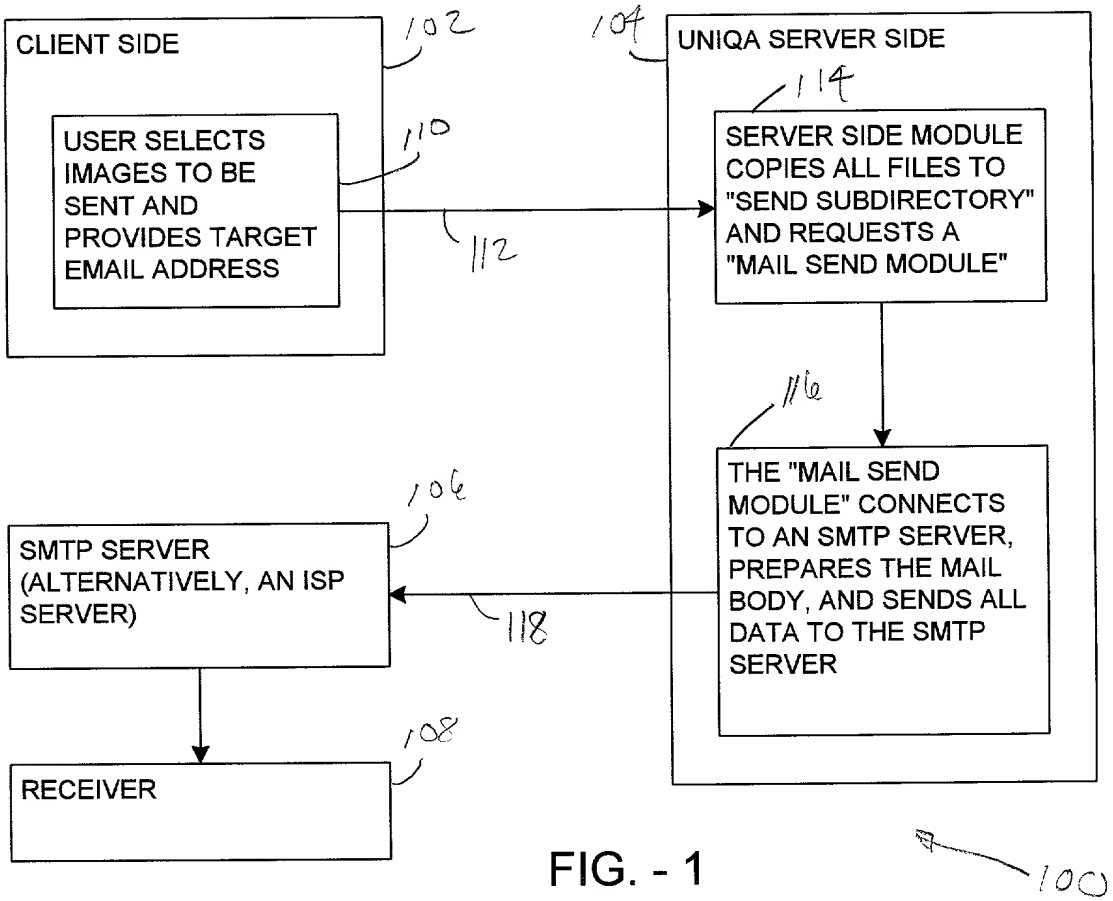

CLIENT SIDE
102
USER SELECTS IMAGES TO BE SENT AND PROVIDES TARGET EMAIL ADDRESS
110
112
UNIQA SERVER SIDE
104
114
SERVER SIDE MODULE COPIES ALL FILES TO "SEND SUBDIRECTORY" AND REQUESTS A "MAIL SEND MODULE"
116
THE "MAIL SEND MODULE" CONNECTS TO AN SMTP SERVER, PREPARES THE MAIL BODY, AND SENDS ALL DATA TO THE SMTP SERVER
106
SMTP SERVER (ALTERNATIVELY, AN ISP SERVER)
118
RECEIVER
108
100

FIG. - 1

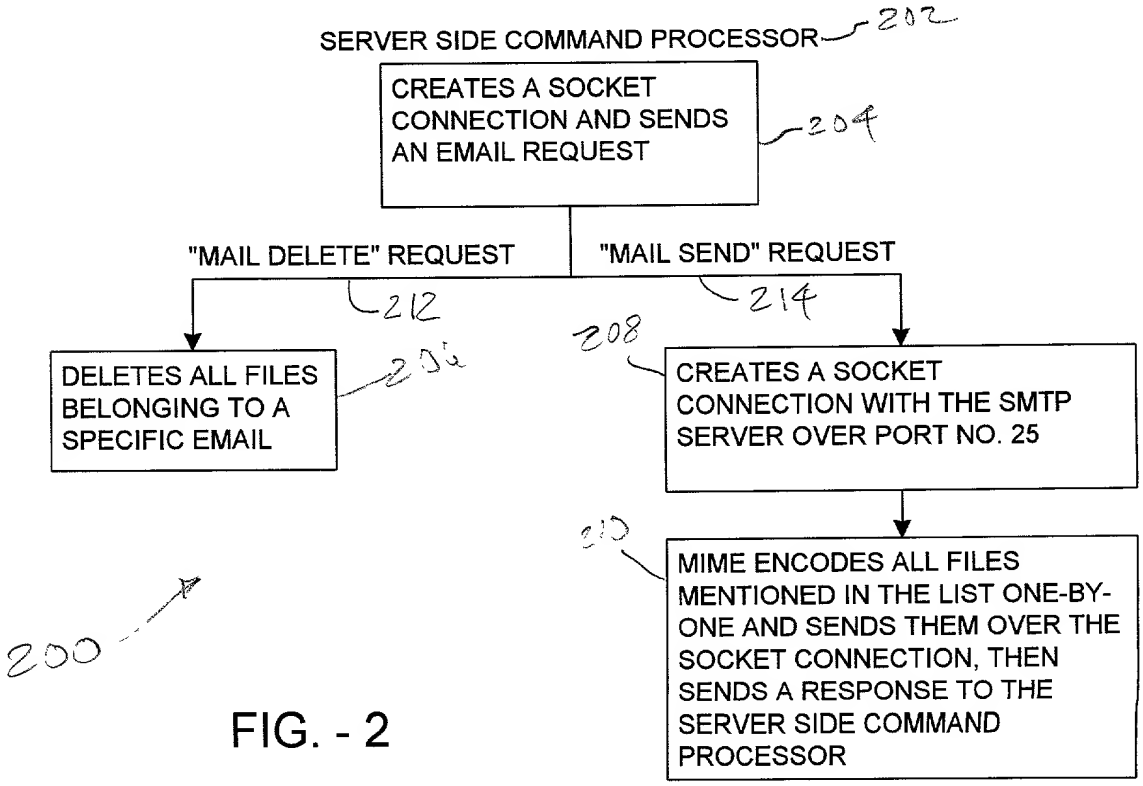

SERVER SIDE COMMAND PROCESSOR
202
CREATES A SOCKET CONNECTION AND SENDS AN EMAIL REQUEST
204
"MAIL DELETE" REQUEST
"MAIL SEND" REQUEST
212
214
DELETES ALL FILES BELONGING TO A SPECIFIC EMAIL
208
CREATES A SOCKET CONNECTION WITH THE SMTP SERVER OVER PORT NO. 25
MIME ENCODES ALL FILES MENTIONED IN THE LIST ONE-BY-ONE AND SENDS THEM OVER THE SOCKET CONNECTION, THEN SENDS A RESPONSE TO THE SERVER SIDE COMMAND PROCESSOR
200

FIG. - 2

T08020 SDHT0660

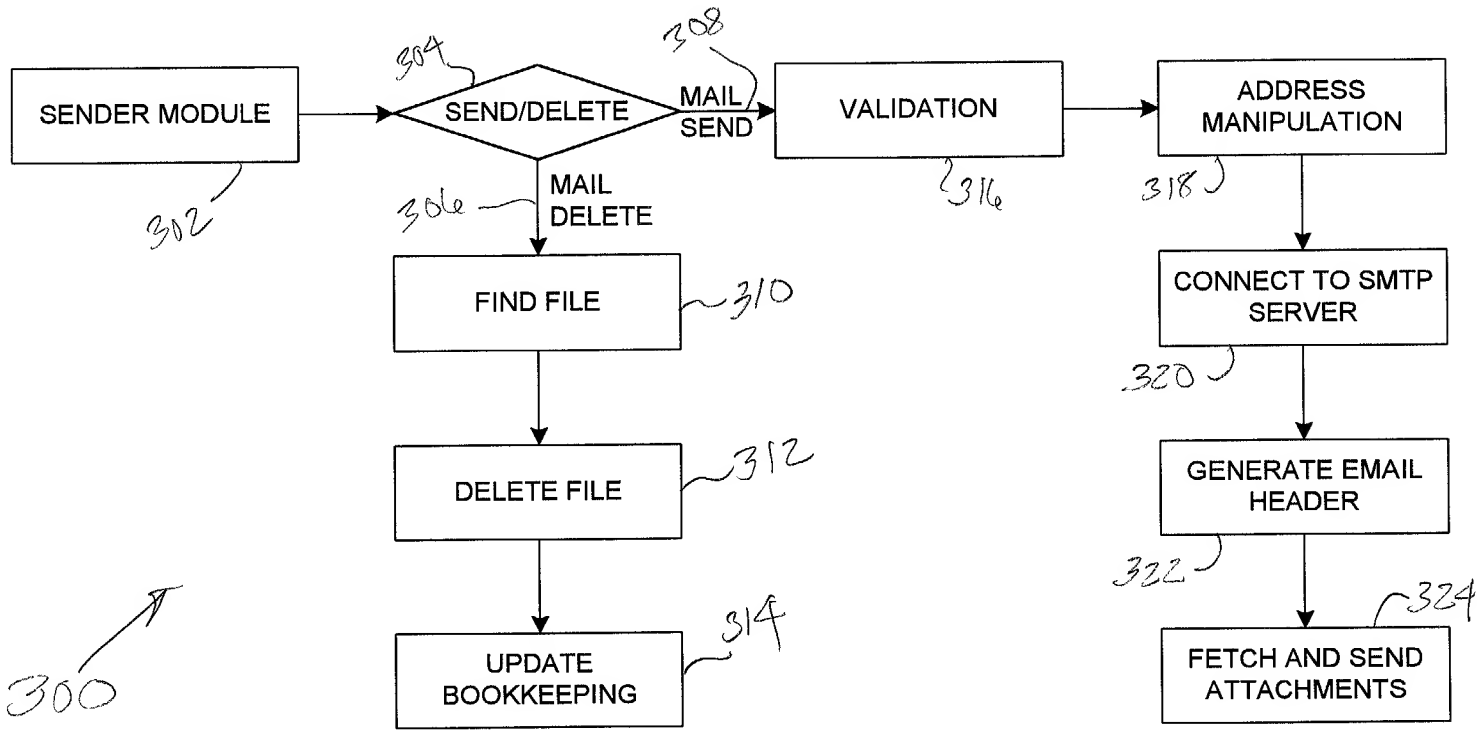


FIG. - 3

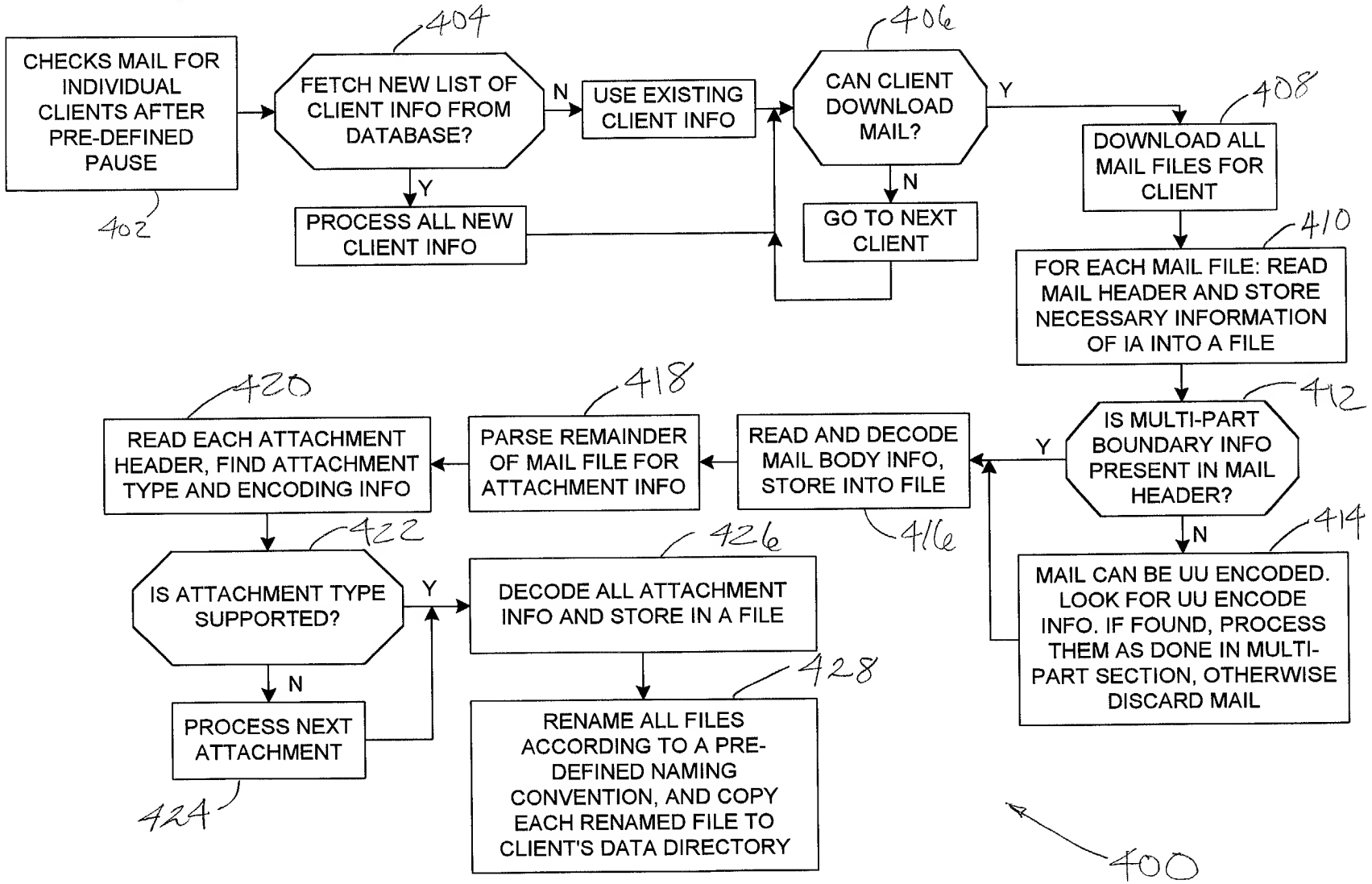

CHECKS MAIL FOR INDIVIDUAL CLIENTS AFTER PRE-DEFINED PAUSE
402
FETCH NEW LIST OF CLIENT INFO FROM DATABASE?
404
N
USE EXISTING CLIENT INFO
Y
PROCESS ALL NEW CLIENT INFO
CAN CLIENT DOWNLOAD MAIL?
406
Y
N
GO TO NEXT CLIENT
DOWNLOAD ALL MAIL FILES FOR CLIENT
408
FOR EACH MAIL FILE: READ MAIL HEADER AND STORE NECESSARY INFORMATION OF IA INTO A FILE
410
IS MULTI-PART BOUNDARY INFO PRESENT IN MAIL HEADER?
412
Y
N
MAIL CAN BE UU ENCODED. LOOK FOR UU ENCODE INFO. IF FOUND, PROCESS THEM AS DONE IN MULTI-PART SECTION, OTHERWISE DISCARD MAIL
414
READ AND DECODE MAIL BODY INFO, STORE INTO FILE
416
PARSE REMAINDER OF MAIL FILE FOR ATTACHMENT INFO
418
READ EACH ATTACHMENT HEADER, FIND ATTACHMENT TYPE AND ENCODING INFO
420
IS ATTACHMENT TYPE SUPPORTED?
422
Y
N
PROCESS NEXT ATTACHMENT
424
DECODE ALL ATTACHMENT INFO AND STORE IN A FILE
426
RENAME ALL FILES ACCORDING TO A PRE-DEFINED NAMING CONVENTION, AND COPY EACH RENAMED FILE TO CLIENT'S DATA DIRECTORY
428
400

FIG. - 4

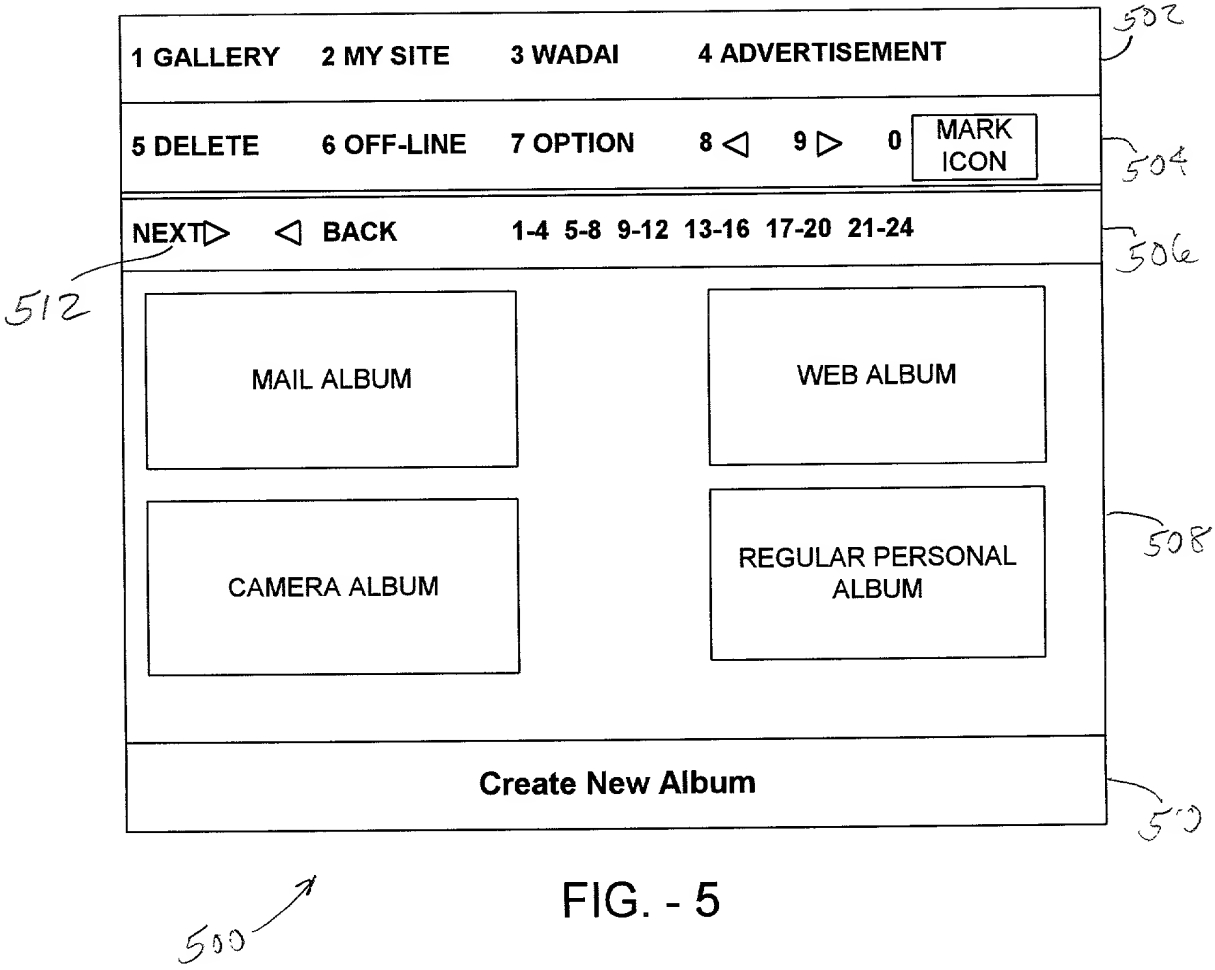

1 GALLERY
2 MY SITE
3 WADAI
4 ADVERTISEMENT
502
5 DELETE
6 OFF-LINE
7 OPTION
8 ◁
9 ▷
0
MARK ICON
504
NEXT▷
◁ BACK
1-4 5-8 9-12 13-16 17-20 21-24
506
512
MAIL ALBUM
WEB ALBUM
CAMERA ALBUM
REGULAR PERSONAL ALBUM
508
Create New Album
510
500

FIG. - 5

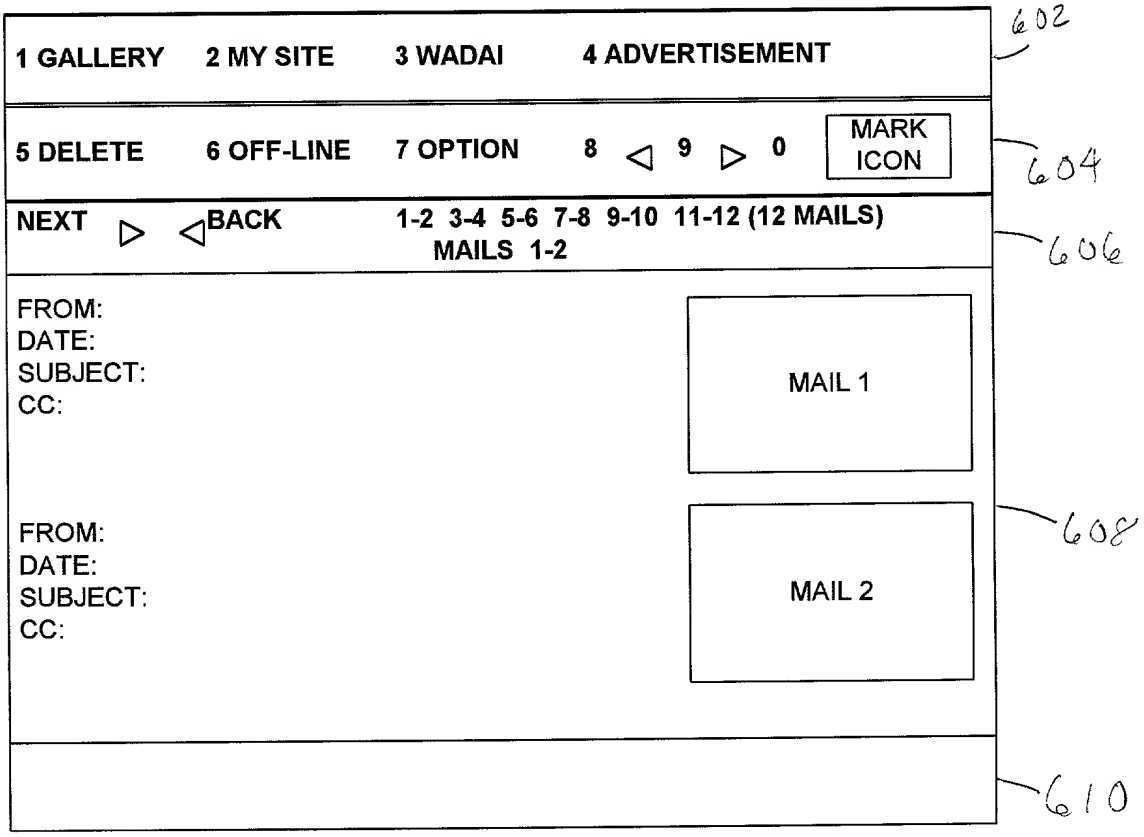

1 GALLERY
2 MY SITE
3 WADAI
4 ADVERTISEMENT
602
5 DELETE
6 OFF-LINE
7 OPTION
8
9
0
MARK ICON
604
NEXT
BACK
1-2 3-4 5-6 7-8 9-10 11-12 (12 MAILS)
MAILS 1-2
606
FROM:
DATE:
SUBJECT:
CC:
MAIL 1
FROM:
DATE:
SUBJECT:
CC:
MAIL 2
608
610
600

FIG. - 6

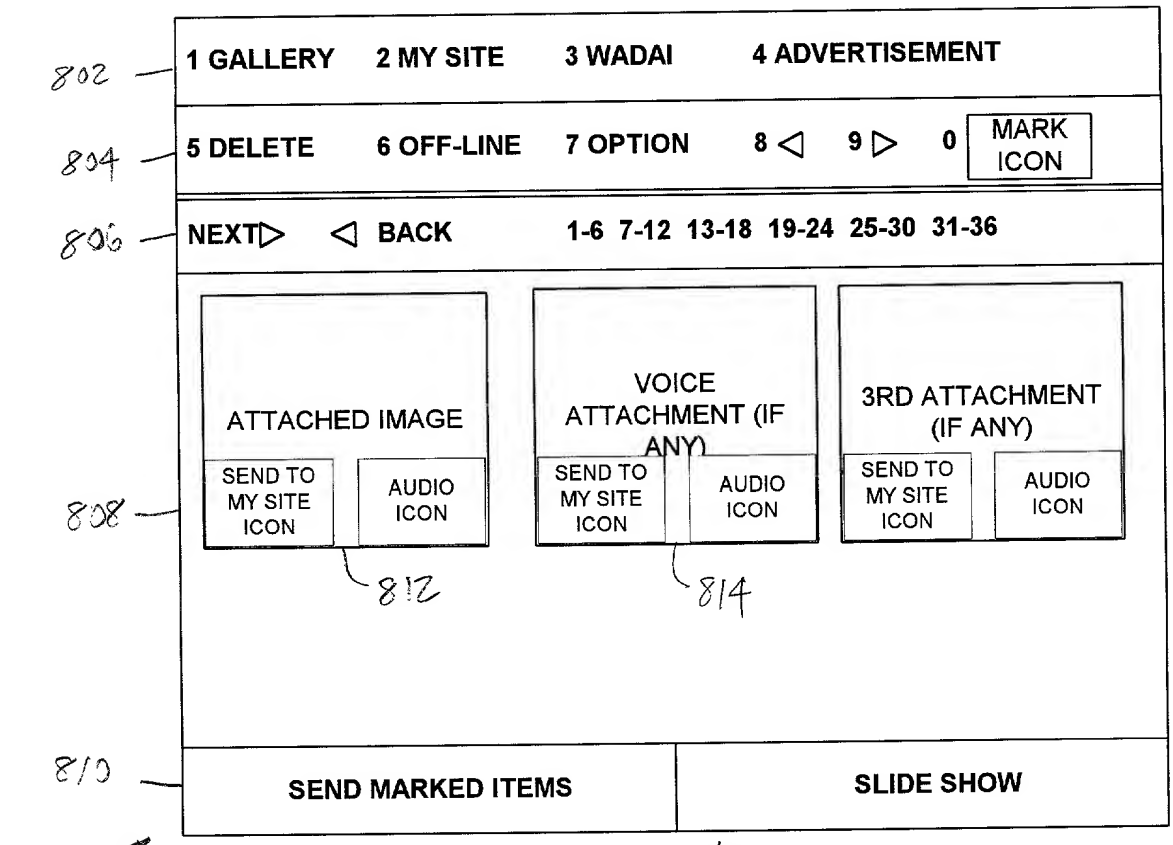
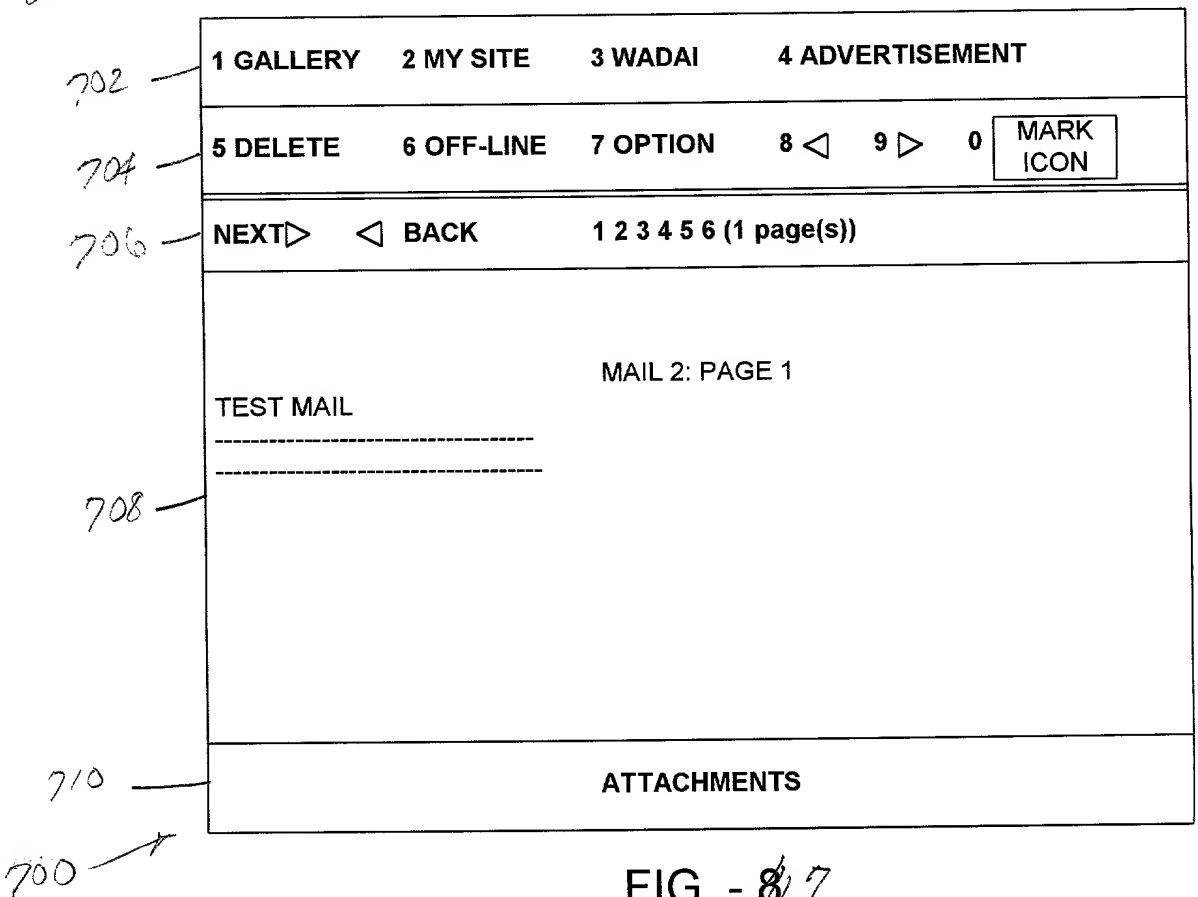

802
1 GALLERY
2 MY SITE
3 WADAI
4 ADVERTISEMENT
804
5 DELETE
6 OFF-LINE
7 OPTION
8 ◁
9 ▷
0
MARK ICON
806
NEXT▷
◁ BACK
1-6 7-12 13-18 19-24 25-30 31-36
808
ATTACHED IMAGE
SEND TO MY SITE ICON
AUDIO ICON
812
VOICE ATTACHMENT (IF ANY)
SEND TO MY SITE ICON
AUDIO ICON
814
3RD ATTACHMENT (IF ANY)
SEND TO MY SITE ICON
AUDIO ICON
810
SEND MARKED ITEMS
SLIDE SHOW
800

FIG. - 8


702
1 GALLERY
2 MY SITE
3 WADAI
4 ADVERTISEMENT
704
5 DELETE
6 OFF-LINE
7 OPTION
8 ◁
9 ▷
0
MARK ICON
706
NEXT▷
◁ BACK
1 2 3 4 5 6 (1 page(s))
MAIL 2: PAGE 1
TEST MAIL

708
710
ATTACHMENTS
700

FIG. - 7

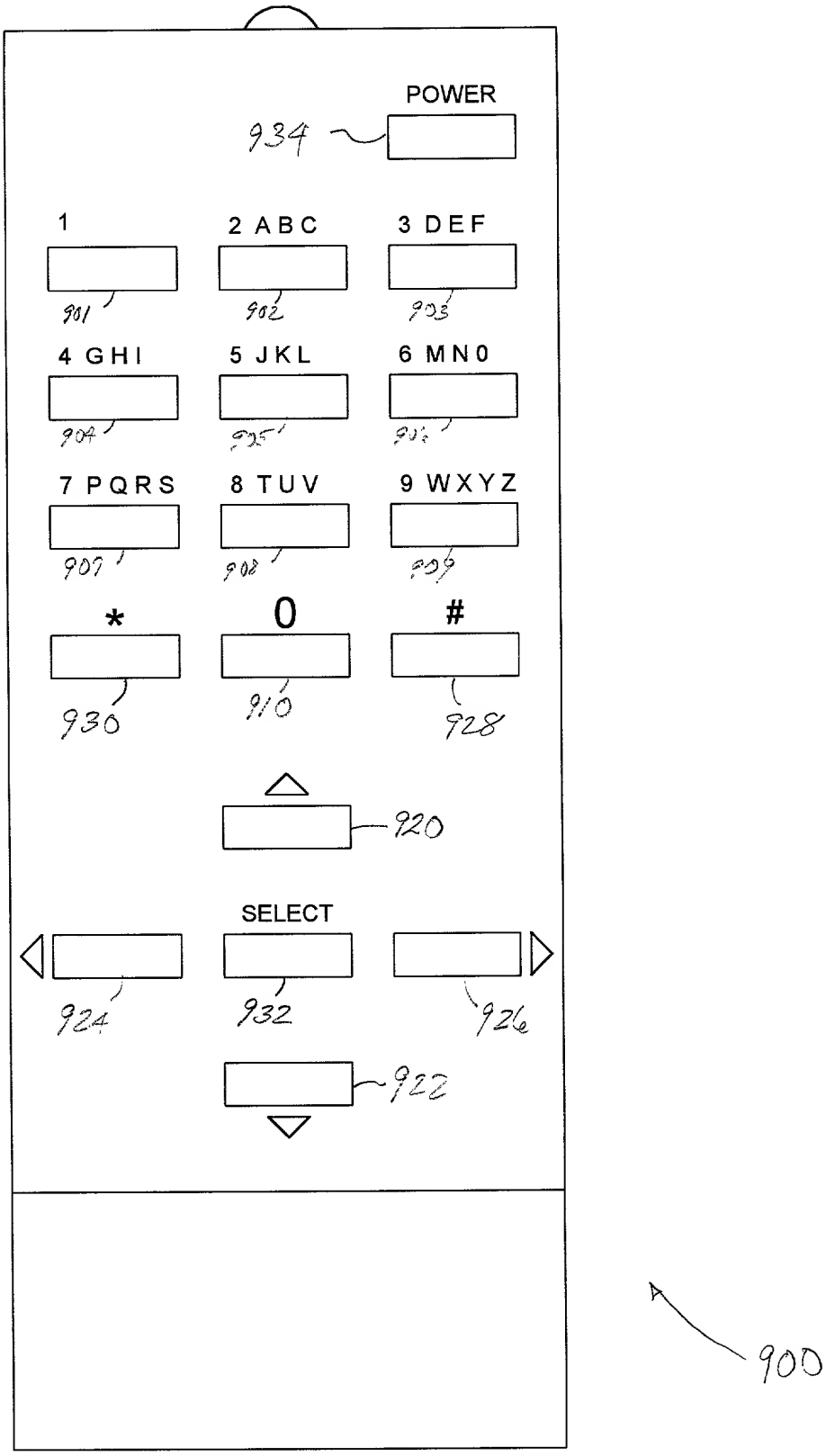

POWER
934
1
2 ABC
3 DEF
901
902
903
4 GHI
5 JKL
6 MN0
904
905
906
7 PQRS
8 TUV
9 WXYZ
907
908
909
*
0
#
930
910
928
920
SELECT
924
932
926
922
900

FIG. - 9

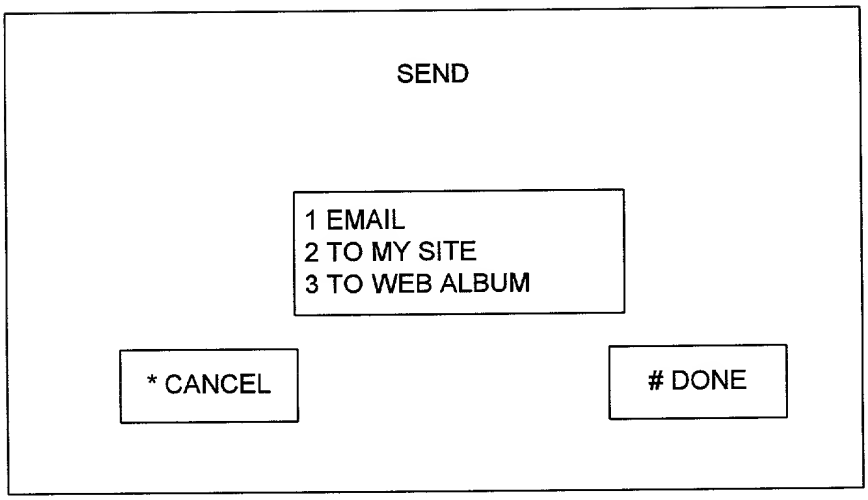

SEND
1 EMAIL
2 TO MY SITE
3 TO WEB ALBUM
* CANCEL
# DONE

FIG. - 10

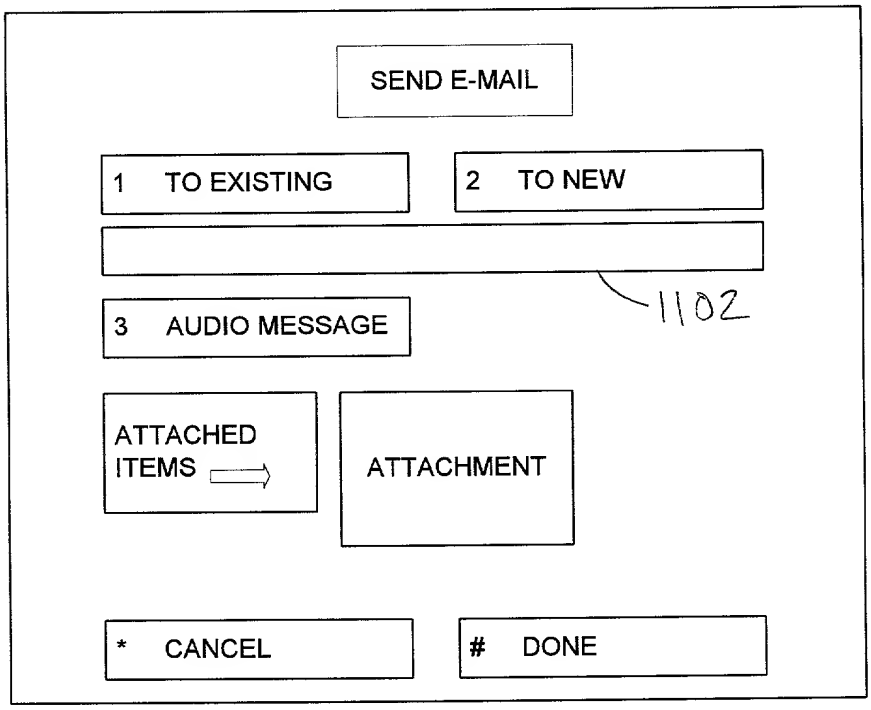

SEND E-MAIL
1 TO EXISTING
2 TO NEW
1102
3 AUDIO MESSAGE
ATTACHED ITEMS
ATTACHMENT
* CANCEL
# DONE

FIG. - 11

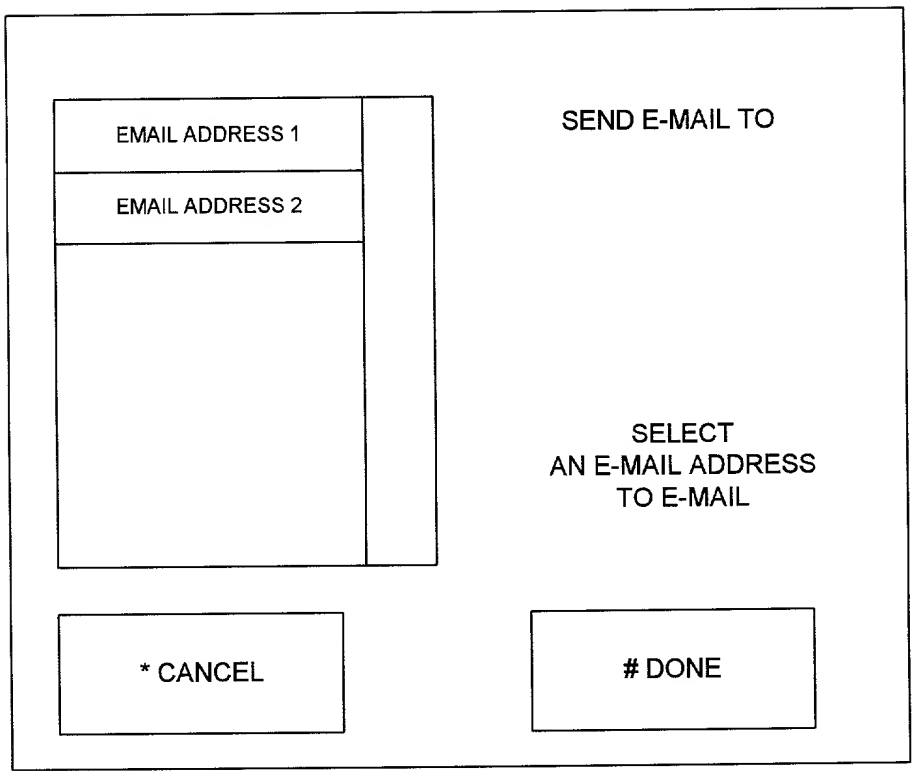

EMAIL ADDRESS 1
EMAIL ADDRESS 2
SEND E-MAIL TO
SELECT
AN E-MAIL ADDRESS
TO E-MAIL
* CANCEL
# DONE

FIG. - 12

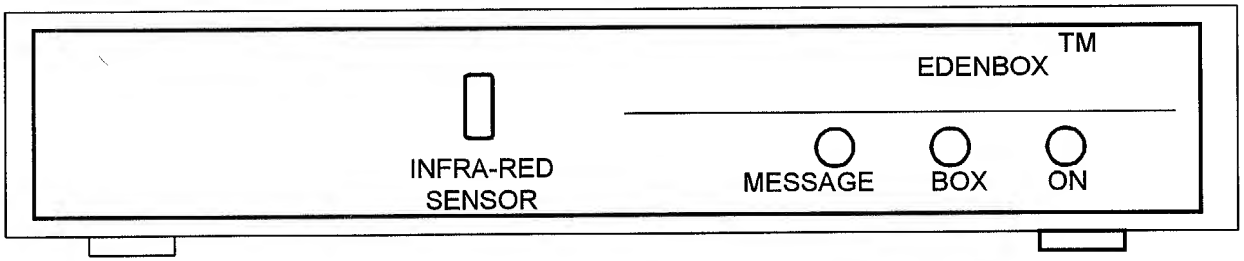

EDENBOX TM
INFRA-RED SENSOR
MESSAGE
BOX
ON

FIG. - 13

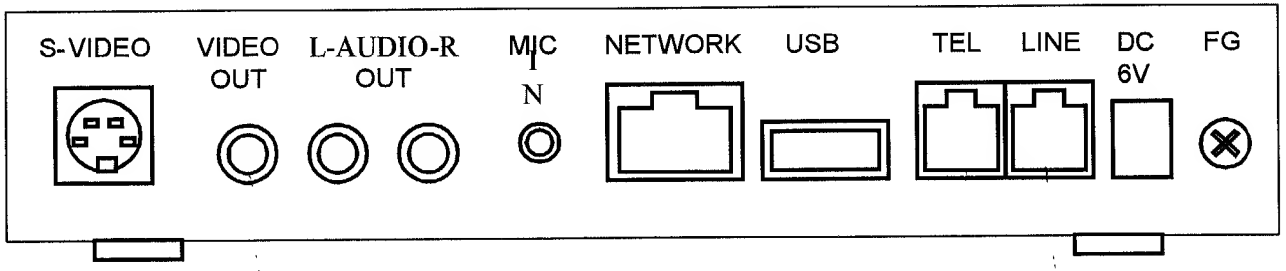

S-VIDEO
VIDEO OUT
L-AUDIO-R OUT
MIC IN
NETWORK
USB
TEL
LINE
DC 6V
FG

FIG. - 14

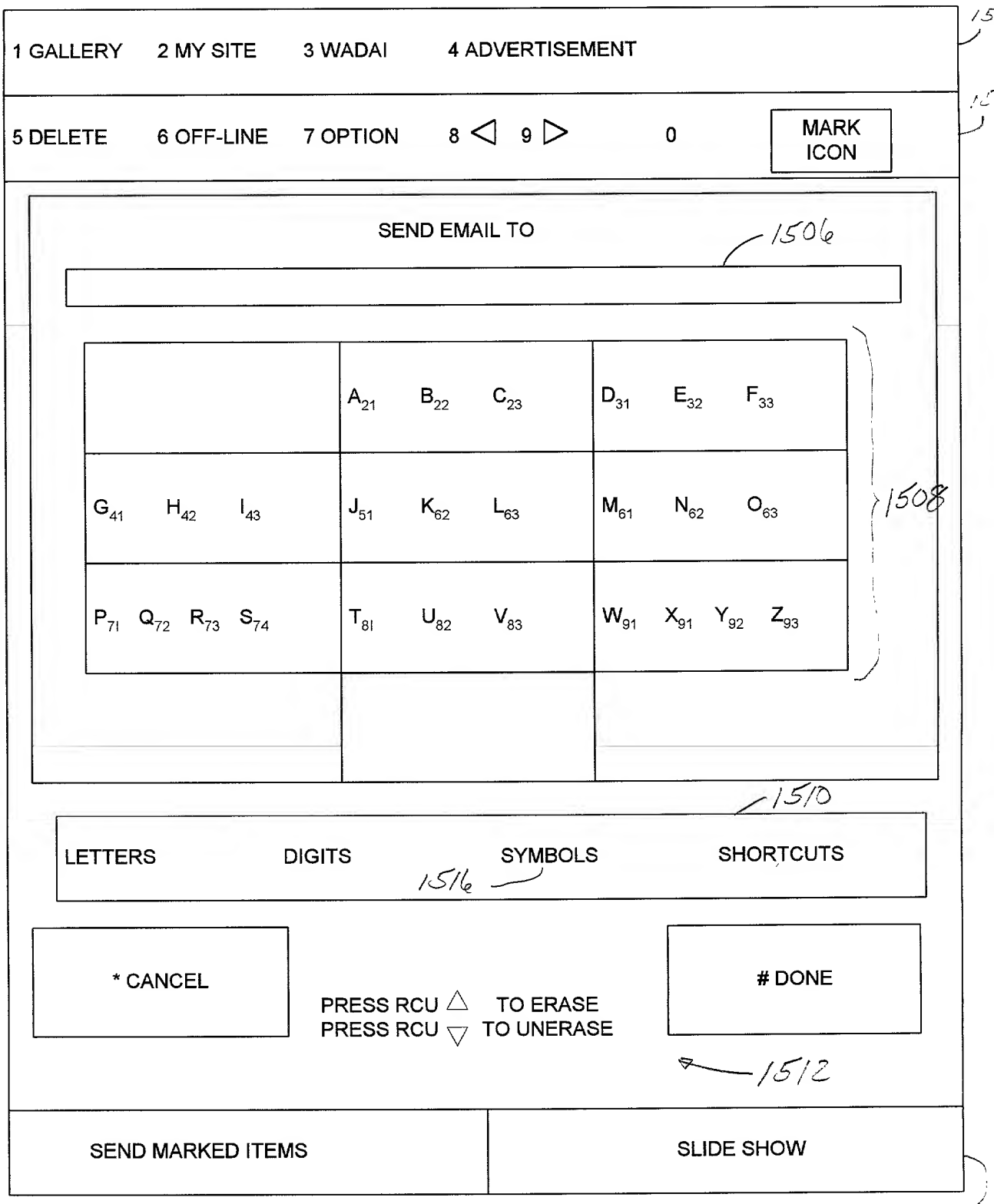

1 GALLERY
2 MY SITE
3 WADAI
4 ADVERTISEMENT
1502
5 DELETE
6 OFF-LINE
7 OPTION
8 ◁
9 ▷
0
MARK ICON
1504
SEND EMAIL TO
1506
A21 B22 C23
D31 E32 F33
G41 H42 I43
J51 K62 L63
M61 N62 O63
P71 Q72 R73 S74
T81 U82 V83
W91 X91 Y92 Z93
1508
1510
LETTERS
DIGITS
SYMBOLS
SHORTCUTS
1516
* CANCEL
PRESS RCU △ TO ERASE
PRESS RCU ▽ TO UNERASE
DONE
1512
SEND MARKED ITEMS
SLIDE SHOW
1514
1500

FIG. - 15

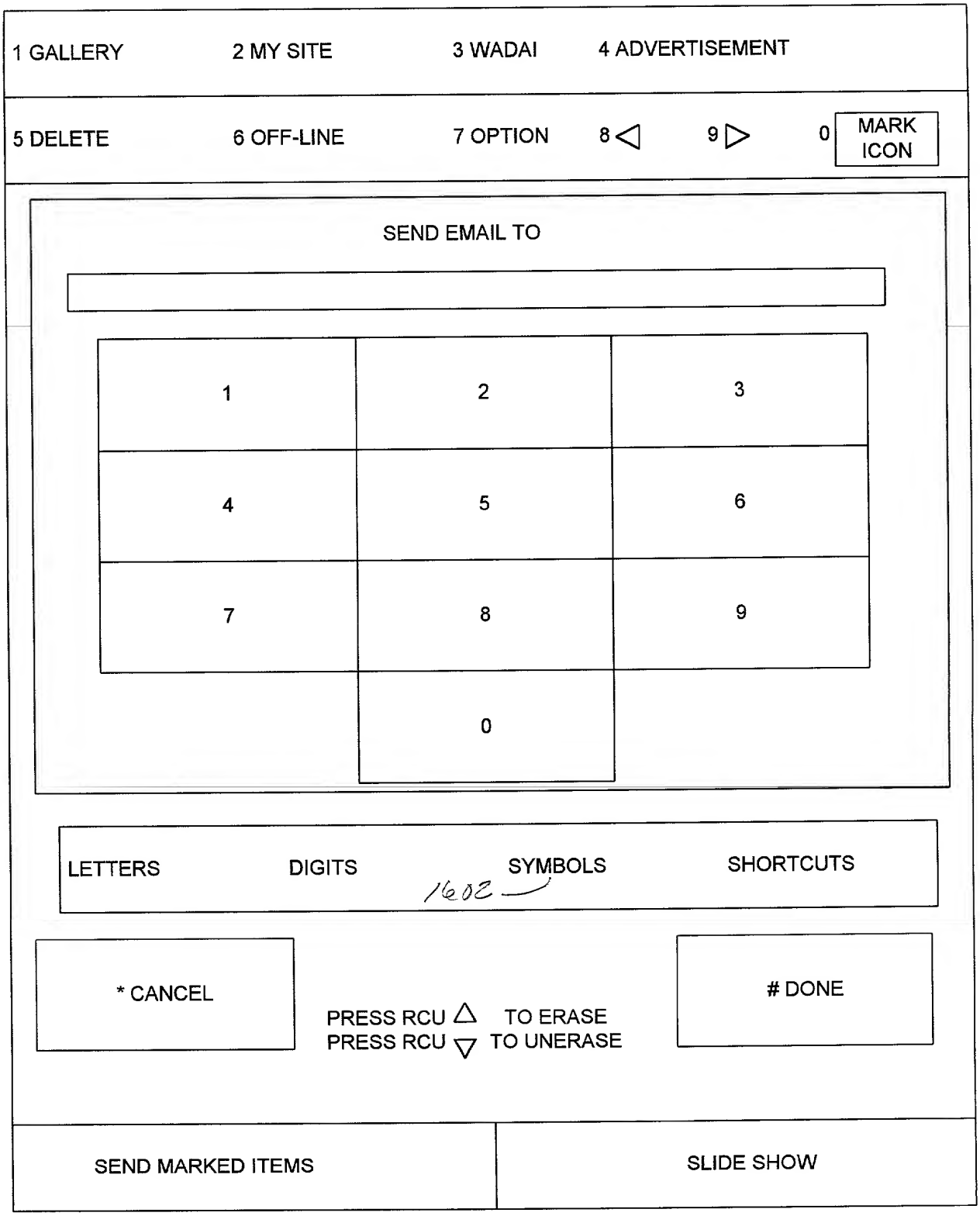

1 GALLERY
2 MY SITE
3 WADAI
4 ADVERTISEMENT
5 DELETE
6 OFF-LINE
7 OPTION
8
9
0
MARK ICON
SEND EMAIL TO
1
2
3
4
5
6
7
8
9
0
LETTERS
DIGITS
SYMBOLS
SHORTCUTS
1602
* CANCEL
PRESS RCU △ TO ERASE
PRESS RCU ▽ TO UNERASE
DONE
SEND MARKED ITEMS
SLIDE SHOW

FIG. - 16

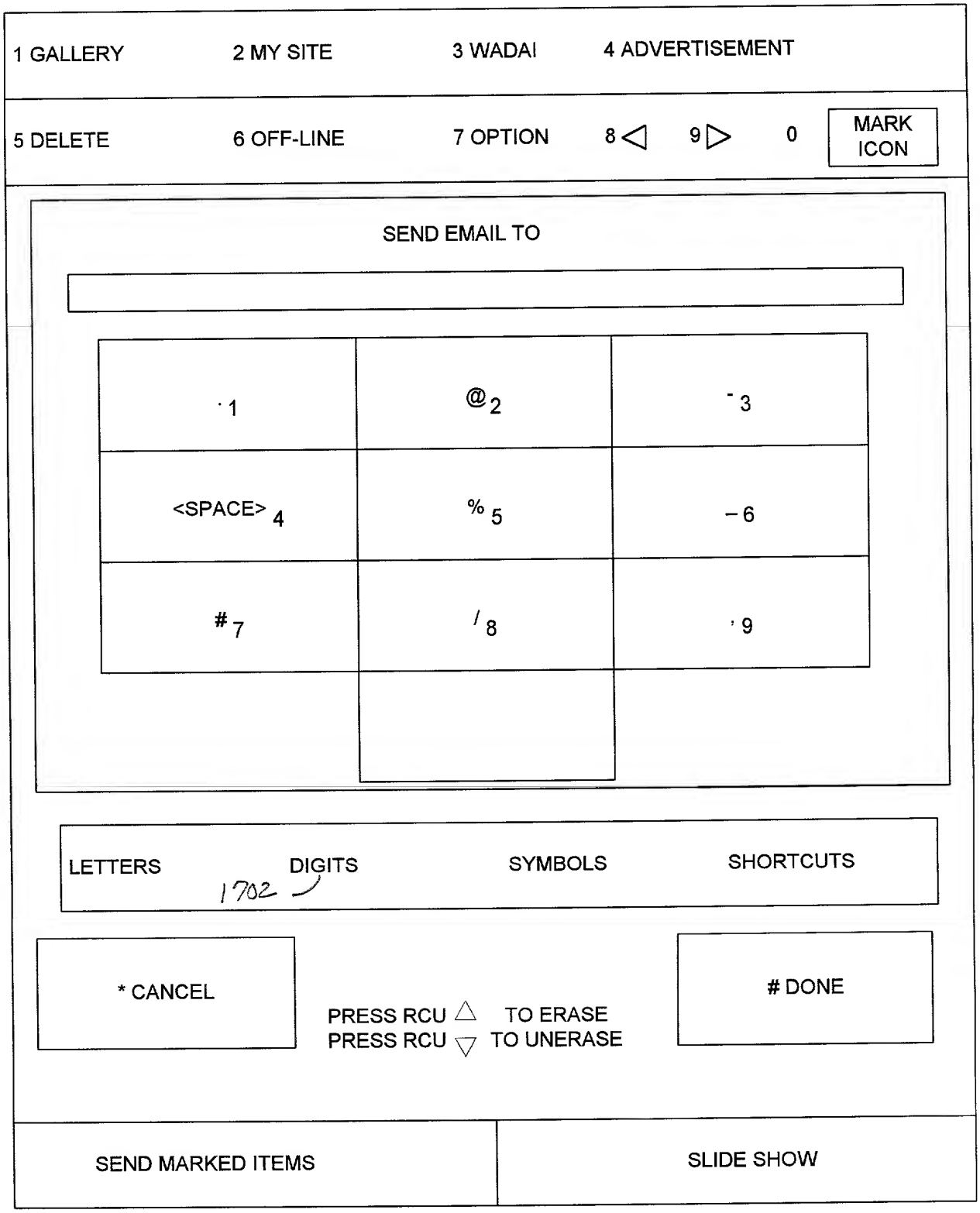

1 GALLERY
2 MY SITE
3 WADAI
4 ADVERTISEMENT
5 DELETE
6 OFF-LINE
7 OPTION
8 ◁
9 ▷
0
MARK ICON
SEND EMAIL TO
·1
@2
-3
<SPACE>4
%5
–6
#7
/8
·9
LETTERS
DIGITS
1702
SYMBOLS
SHORTCUTS
* CANCEL
PRESS RCU △ TO ERASE
PRESS RCU ▽ TO UNERASE
DONE
SEND MARKED ITEMS
SLIDE SHOW

FIG. - 17

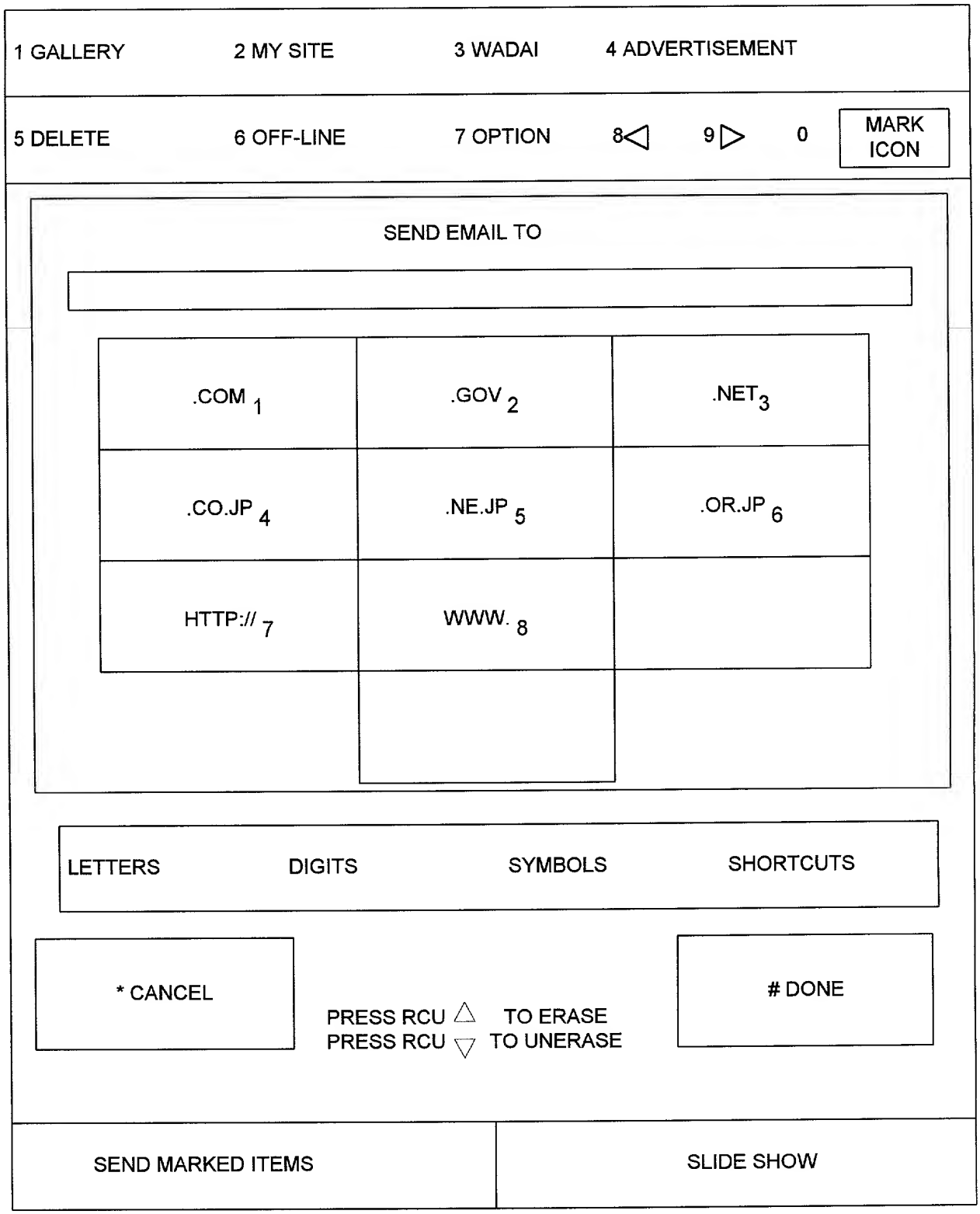

1 GALLERY
2 MY SITE
3 WADAI
4 ADVERTISEMENT
5 DELETE
6 OFF-LINE
7 OPTION
8
9
0
MARK ICON
SEND EMAIL TO
.COM 1
.GOV 2
.NET 3
.CO.JP 4
.NE.JP 5
.OR.JP 6
HTTP:// 7
WWW. 8
LETTERS
DIGITS
SYMBOLS
SHORTCUTS
* CANCEL
PRESS RCU △ TO ERASE
PRESS RCU ▽ TO UNERASE
DONE
SEND MARKED ITEMS
SLIDE SHOW

FIG. - 18

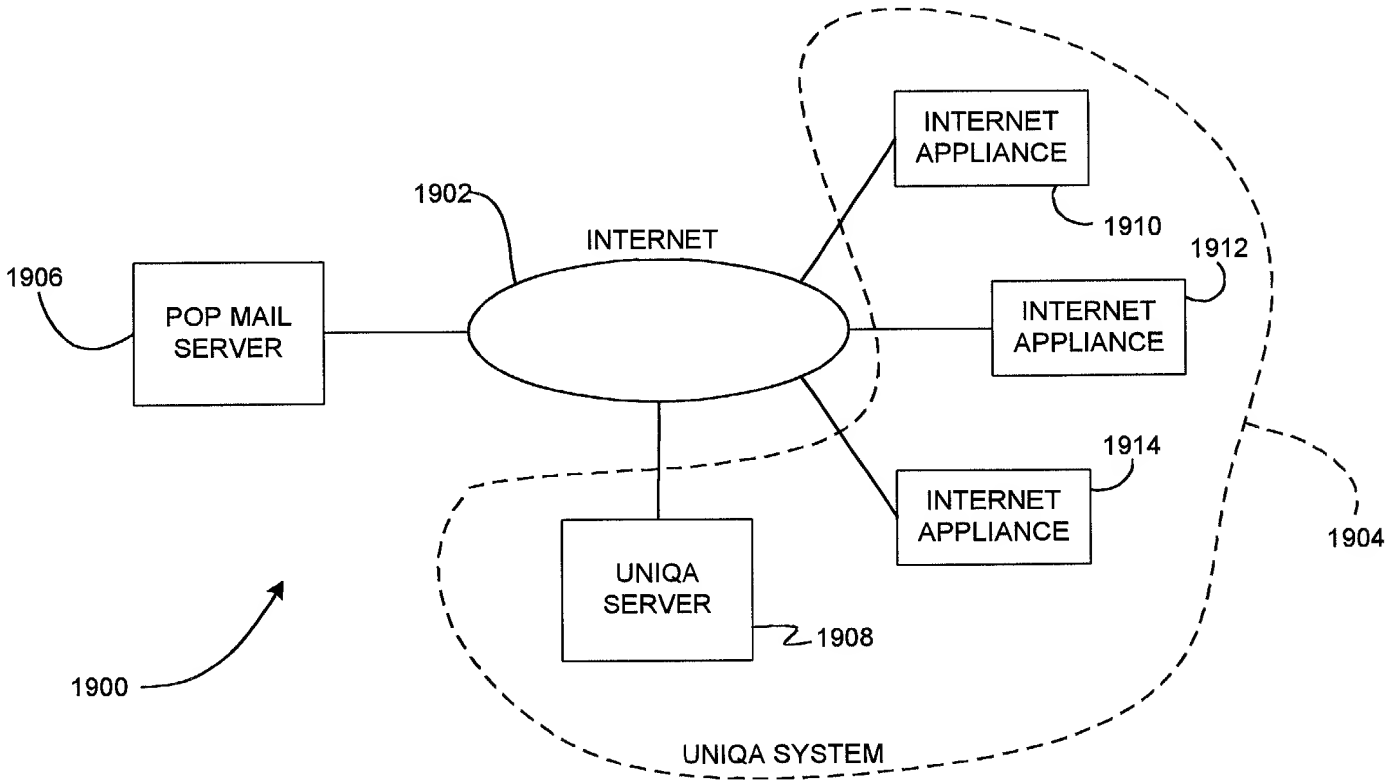

INTERNET APPLIANCE
1910
1902
INTERNET
1912
1906
POP MAIL SERVER
INTERNET APPLIANCE
1914
INTERNET APPLIANCE
1904
UNIQA SERVER
1908
1900
UNIQA SYSTEM

FIG. - 19